



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Frederic Mikulec et al.
 Serial No. : 09/625,861
 Filed : July 26, 2000
 Title : TELLURIUM-CONTAINING NANOCRYSTALLINE MATERIALS

Art Unit : 1773
 Examiner : H. Le

Commissioner for Patents
 Washington, D.C. 20231

AET/A
 #7/6/19/02

AMENDMENT

In response to the action mailed March 14, 2002 ("Office Action"), Applicants submit the following remarks.

In the Claims:

Please cancel claims 1-11 and 19-35 without prejudice.

Please add new claims 36-63.

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~~8~~ --36. (New) The nanocrystallite of claim ~~12~~ wherein the core photoluminesces at a wavelength in the range of 435 to 800 nm.--

~~9~~ --37. (New) The nanocrystallite of claim ~~12~~ wherein the overcoating comprises ZnS.--

~~10~~ --38. (New) The nanocrystallite of claim ~~12~~ wherein the overcoating comprises ZnSe.--

~~11 29~~ --39. (New). The nanocrystallite of claim ~~12~~ wherein the overcoating comprises CdSe.--

~~12 29~~ --40. (New) The nanocrystallite according to claim ~~12~~; wherein the FWHM is 45 nm or less.--

~~13~~ --41. (New) The nanocrystallite according to claim ~~41~~, wherein the FWHM is 20 nm or less.--

~~14~~ --42. (New) The nanocrystallite according to claim ~~41~~, wherein the FWHM is 15 nm or less.--